

<p>97-255448/23 B07 NIOF 95.09.20 NIPPON OILS & FATS CO LTD *JP 09087168-A 95.09.20 95JP-241488 (97.03.31) A61K 9/127, 9/107, 47/24, 47/28 Mixed lipid(s) for liposome and their homogeneous dispersions - prepared by dissolving liposome precursor in organic solvent adding water, removing solvent and lyophilisation C97-082281</p>	<p>B(4-B1B, 5-B1P, 12-M11F) .3</p>
<p>Mixed lipids for liposome are prepared by (1) dissolving liposome constructing material in a homogeneous solvent containing a water insoluble volatile organic solvent, (2) addition of water or aqueous solution, (3) distilling off the organic solvent with stirring, and (4) lyophilisation of residual liposome membrane constructing mixed dispersion.</p> <p>The liposome membrane comprises phospholipid component and sterol. The phospholipid contains phosphatidyl-glycerol. The liposome membrane comprises fatty acid salt and liposome is dispersed in liquid prepared by dispersion of the mixed lipids for liposome in aqueous solution.</p> <p><u>ADVANTAGE</u> Homogeneous dispersion of mixed lipid provides liposome with</p>	<p>good quality.</p> <p>In an example, a mixture of 2.89g of dimyristoyl phosphatidyl choline, 3.13g of dipalmitoyl phosphatidyl choline, 3.30g of cholesterol and 0.68g of sodium palmitate was dissolved in 100 ml of a mixed solvent of CHCl₃:MeOH:water at a ratio of 80:18:2. The mixture was mixed with 200 ml of distilled water for injection, and evaporated to remove organic solvents with stirring. The resultant pasty mixt. homogeneously dispersed in water to give a viscous liquid which was lyophilised to give white powder of mixed lipid for liposome. (7pp079DwgNo.0/0)</p> <p>JP 09087168-A</p>